

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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**U. S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE**

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**NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION**

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CROPS

Wheat harvest is rapidly coming to an end. Some relief was felt when cooler temperatures and scattered showers moved over the State this past week; however, soil moisture remains short in all districts. The dry conditions and heat are causing the corn leaves to roll and soybean leaves to burn. Last week, farmers were baling straw, hay, and set-aside acres, walking beans, mowing, planting double crops, cultivating, spraying weeds and pests, and giving special care to livestock. Some areas are reporting shortages of good quality hay. Poor pasture regrowth, spider mite infestation, and nematodes in soybeans are some problems mentioned. For the week of June 25-July 1, there were six and one-half days suitable for fieldwork.

Condition of the **CORN** crop on July 1 was reported as 18% good, 60% fair, 20% poor, and 2% very poor. By July 3, the average height of all corn that had emerged was 52 inches, compared to 66 inches last year and the 5-year average (1983-87) of 49 inches. The average height of the most advanced fields was 67 inches, compared to 87 inches last year and the average of 67 inches. Eight percent of the acreage was silked (tasseled) compared to 39% last year and the average of 14%.

By July 3, 25% of the **SOYBEAN** crop was blooming, compared to 56% last year and the average of 23%. Condition of the crop by July 1 was 15% good, 69% fair, 14% poor, and 2% very poor.

By July 3, virtually all of the **WINTER WHEAT** was ripe, compared to 100% last year and the average of 87%. Ninety-three percent of the wheat crop was harvested, compared to 92% last year and the average of 56%.

OAT condition on July 1 was reported as 9% good, 65% fair, 24% poor, and 2% very poor. Ninety-seven percent of the acreage was filling by July 3 compared to 100% last year and the average of 91%. Seventy-eight percent of the acreage was turning yellow compared to 84% last year and the average of 57%. Thirty-two percent of the acreage was ripe compared to 43% last year and the average of 20%.

Condition of the **SORGHUM** crop by July 1 was reported as 7% good, 66% fair, and 27% poor.

By July 3, cutting of the second crop of **ALFALFA HAY** was 57% complete, compared to 54% last year and the average of 37%. Condition of the crop on July 1 was reported as 6% good, 51% fair, 36% poor, and 7% very poor.

Cutting of **CLOVER HAY** was 95% complete by July 3 compared to 99% last year and the average of 92%. Condition of the crop on July 1 was reported to be 6% good, 47% fair, 40% poor, and 7% very poor.

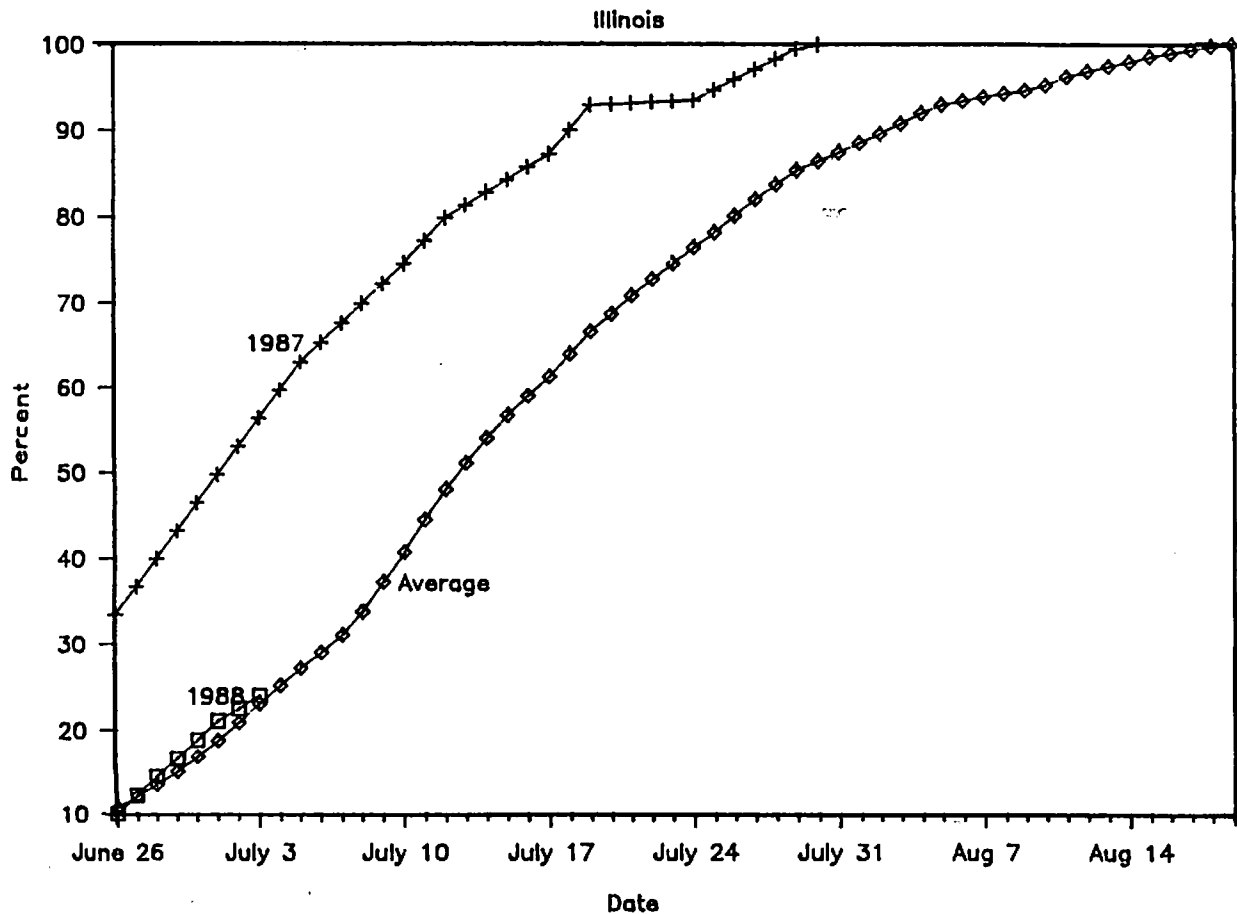
PASTURE condition, as of July 1, was rated as 13% fair, 48% poor, and 39% very poor.

SOIL MOISTURE on July 1 was reported as 100% short.

ILLINOIS DISTRICT SUMMARY

District	Soybeans	Days	Soil		
	percent	suitable for	moisture percent		
	blooming	fieldwork	Short	Adequate	Surplus
	As of July 3		As of July 1		
NW	15	6.5	100	0	0
NE	6	6.5	100	0	0
W	15	6.5	100	0	0
C	40	6.5	100	0	0
E	35	6.5	100	0	0
WSW	20	6.5	100	0	0
ESE	30	7.0	100	0	0
SW	15	5.5	100	0	0
SE	15	6.0	100	0	0
State	25	6.5	100	0	0
5-Yr.Avg.:	23				

Soybeans — Acreage Blooming



WEATHER

ILLINOIS TEMPERATURES AVERAGED FROM 3 TO 8 DEGREES BELOW NORMAL FOR THE WEEK ENDING JULY 4, THE RESULT OF SEVERAL COOL, CLEAR NIGHTS BROUGHT IN BY A CANADIAN AIR MASS. WHILE THE RELIEF FROM HEAT STRESS WAS BENEFICIAL TO THE ENTIRE STATE, MOISTURE RELIEF WAS NOT AS WIDESPREAD. THE COLD FRONT GENERATED A FEW HEAVY RAIN TOTALS MAINLY IN THE WEST-CENTRAL SECTOR, BUT MOST FIELDS ACROSS THE STATE RECEIVED LESS THAN A QUARTER INCH. THOSE MORE FORTUNATE LOCATIONS IN THE NORTH AND WEST-CENTRAL AREAS STILL HAD WIDELY VARIED AMOUNTS FROM A HALF INCH TO NEARLY AN INCH AND A HALF.

PREDOMINANTLY DRY AIR AND DRY SOILS RESULTED IN WIDE RANGING TEMPERATURES AT AND BELOW THE SURFACE. HIGHEST AIR TEMPERATURES RANGING FROM UPPER 80'S TO MID-90'S WERE OFFSET BY MINIMUMS AS LOW AS THE MID-40'S TO LOW 50'S. HIGHEST SOIL TEMPERATURE READINGS ALSO REACHED INTO THE 90'S, WHILE LOWEST DIPPED TO THE MID-50'S NORTH AND UPPER 60'S TO NEAR 70 IN THE SOUTH.

IN THE WEEK AHEAD, EXTREME TEMPERATURES WILL BE ONLY ON THE HIGH SIDE WITH DAILY READINGS GENERALLY IN THE 90'S AND NIGHTTIME LOWS LEVELING OFF IN THE 60'S TO LOW 70'S. NO RAIN IS IN SIGHT THROUGH FRIDAY. A COLD FRONT EDGING IN FROM THE NORTHWEST COULD GIVE RISE TO SOME THUNDERSHOWERS OVER THE WEEKEND BUT NO WIDESPREAD RAIN IS LIKELY.

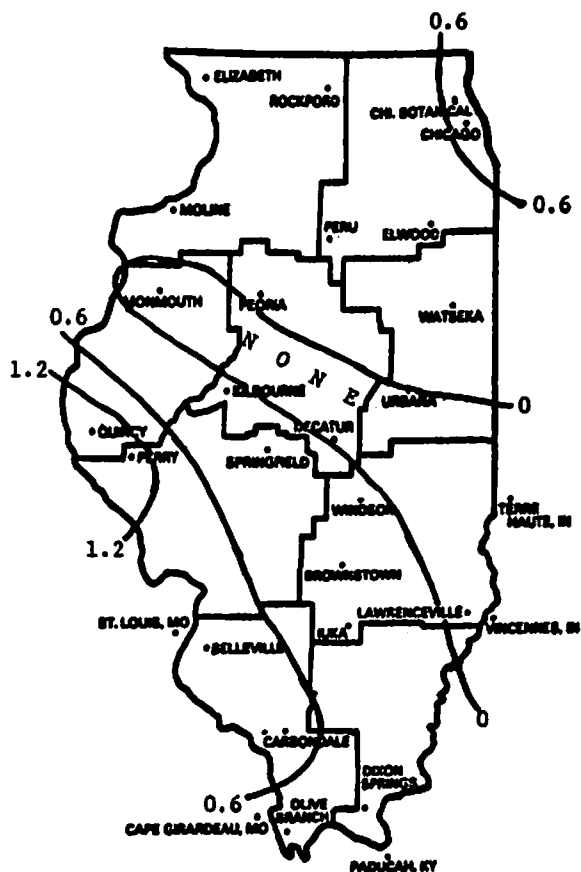
Week ending 8 A.M. Monday, July 4, 1988

Location	: Temperatures :			Precipitation			: Growing Degree Days (50°)		
	: Maxi-:	: Mini-:	: Depar-:	: Curr.:	: Since:	: Departure :	: Curr.:	: Since :	: Departure
	: mum :	: mum :	: ture :	: week :	: May 1:	: since May 1:	: week :	: May 1:	: since May
ELIZABETH	83	48	-5	0.21	1.82	-6.99	121	1100	106
ROCKFORD	81	53	-4	0.39	1.59	-7.38	126	1187	211
CHICAGO	78	55	-4	0.69	2.24	-5.50	119	1142	184
CHI BOTANICAL	74	55	-8	0.60	3.82	-4.03	107	1019	-33
ELWOOD	80	50	-6	0.38	2.42	-6.14	114	1183	188
WATSEKA	81	48	-8	0.18	3.47	-5.82	113	1171	80
PERU	81	51	-7	0.13	1.05	-7.11	120	1195	106
MOLINE	81	55	-5	0.56	3.48	-5.69	132	1266	177
PEORIA	83	56	-4	0.01	2.04	-6.20	139	1272	170
KILBOURNE	83	55	-5	0.01	2.53	-6.27	136	1278	77
MONMOUTH	82	55	-5	0.00	2.24	-6.16	132	1230	98
QUINCY	82	58	-5	1.40	3.99	-4.94	140	1285	103
PERRY	82	56	-6	1.23	6.07	-2.34	133	1239	15
SPRINGFIELD	83	58	-4	0.03	2.38	-5.17	146	1313	96
DECATUR	83	56	-5	0.00	2.48	-6.63	139	1285	64
URBANA	83	57	-3	0.10	2.07	-6.02	144	1296	146
WINDSOR	86	56	-4	0.01	2.12	-6.71	147	1318	101
TERRE HAUTE	83	53	-5	0.00	2.48	-6.14	132	1228	66
ST. LOUIS	84	64	NA	0.70	3.41	NA	167	1475	NA
BELLEVILLE	84	60	-4	0.61	2.64	-5.60	153	1309	20
BROWNSTOWN	85	54	-5	0.09	2.17	-6.93	139	1263	28
IUKA	86	55	-5	0.10	2.96	-5.53	145	1234	-55
LAWRENCEVILLE	87	56	NA	0.00	2.11	NA	145	1271	NA
VINCENNES	85	56	-5	0.00	1.91	-6.86	147	1280	42
DIXON SPRINGS	86	55	-7	0.18	2.75	-6.23	140	1277	-102
PADUCAH	88	61	-3	0.31	3.55	-5.73	162	1367	-19
OLIVE BRANCH	85	57	-5	0.12	2.13	-7.13	144	1287	-50
CARBONDALE	86	57	-5	0.77	3.93	-4.85	146	1276	-44
C GIRARDEAU	84	65	NA	0.58	4.59	NA	167	1385	NA

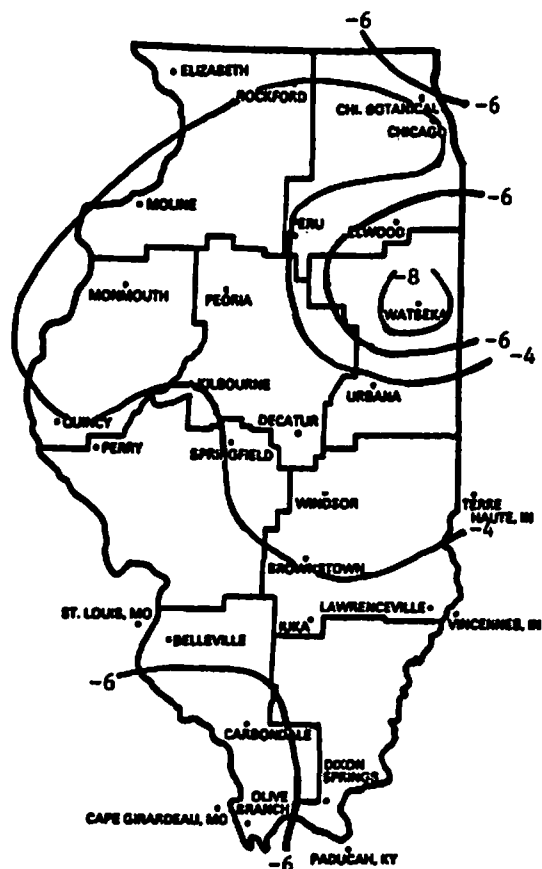
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PRECIPITATION (INCHES)
JUNE 28-JULY 5, 1988



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) JUNE 28-JULY 5, 1988

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.